

network and addressed to a computer coupled to one of the data ports from being transmitted on other of the data ports, and

for each of the data ports, circuitry coupled to the telephone network and to said data port, coupled to the separate twisted pair wiring network associated with said data port, and configured to combine on said separate twisted pair wiring network (a) telephone voice signals in the telephone voice frequency band passing between the telephone network and the one or more telephones on said separate network, and (b) high frequency signals in a high band of frequencies higher than those of the telephone voice frequency band passing information between said data port and one or more of the computers coupled to said separate twisted pair wiring network.

43. (Once amended) A communication system for passing voice and data communication between a plurality of terminal devices, including one or more telephones and one or more computers, and a plurality of information services, including a telephone network and a data network, comprising:

a twisted pair wiring network coupled to the terminal devices for passing telephone voice signals in a telephone voice frequency band between the telephone network and the one or more of the telephones on said twisted pair wiring network; and

circuitry for combining telephone and data signals including

a data interface coupled to the data network and including a data port for passing data to the twisted pair wiring network,

circuitry coupled to the telephone network and to said data interface, coupled to the twisted pair wiring network, and configured to combine on said twisted pair wiring network (a) telephone voice signals in the telephone voice frequency band passing between the telephone network and the one of the telephones on said twisted pair network, and (b) high frequency signals in a high band of frequencies higher than those of the telephone voice frequency band passing information between said data interface and one or more of the computers coupled to said twisted pair wiring network;

wherein the twisted pair wiring network includes a plurality of cables forming branching paths, and one or more splits at which three or more of the branching paths are joined,